


The diagram shows a central vertical line labeled 112. To the left of this line are two boxes: the top one is labeled "2-D ANALYZER SYSTEM 102" and the bottom one is labeled "DIGITAL IMAGE PROCESSOR SYSTEM 108". To the right of the line are two boxes: the top one is labeled "3-D ANALYZER SYSTEM 104" and contains a smaller box labeled "2-D INTERFACE SYSTEM 106", and the bottom one is labeled "INSPECTION CONTROLLER SYSTEM 110". A reference numeral 100 is at the bottom left with an upward-pointing arrow.

100 

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graph LR; 202[DIE BASE REFERENCE IMAGE SYSTEM 202] --- 204[TEST DIE REFERENCE IMAGE SYSTEM 204]; 206[IMAGE INSPECTION SYSTEM 206] --- 208[COMPARATOR SYSTEM 208]; 210[FEATURE LOCATION TRACKING SYSTEM 210] --- 208;
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DIE BASE
REFERENCE IMAGE
SYSTEM
202

TEST DIE
REFERENCE
IMAGE SYSTEM
204

IMAGE INSPECTION
SYSTEM
206

COMPARATOR
SYSTEM
208

FEATURE
LOCATION
TRACKING SYSTEM
210

2-D ANALYZER
SYSTEM
102

↑ 200

↑ 300

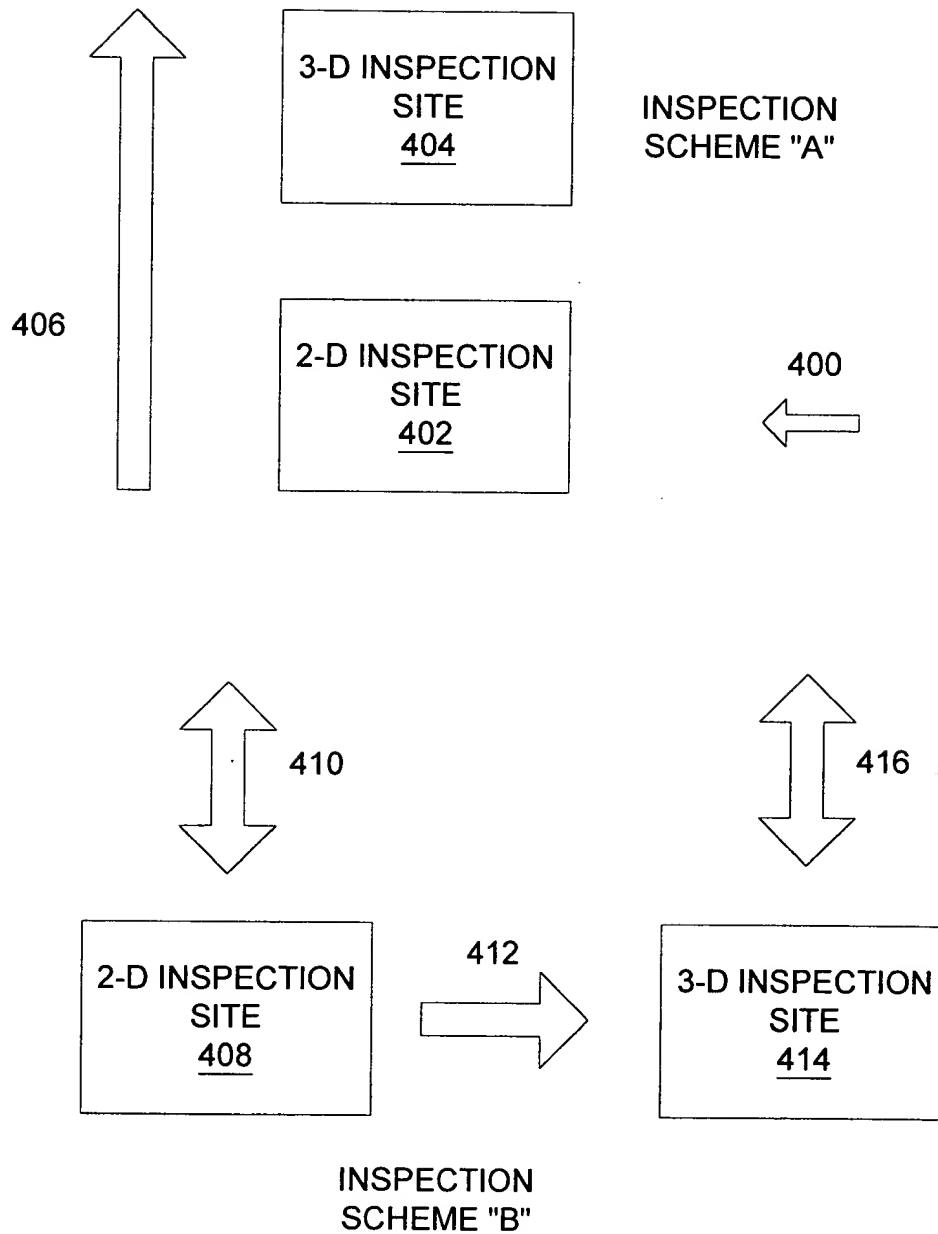


FIGURE 4
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FIGURE 5
013377.0058

500
→

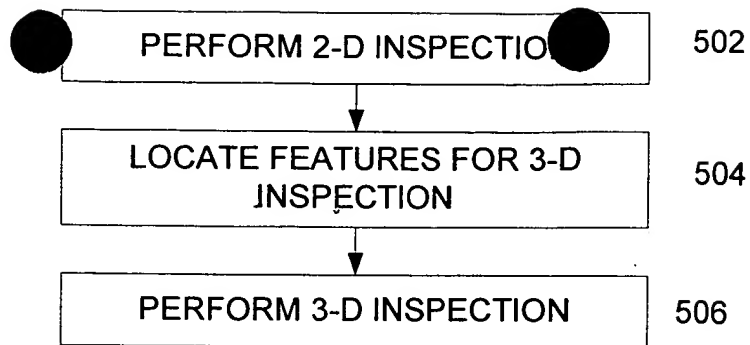
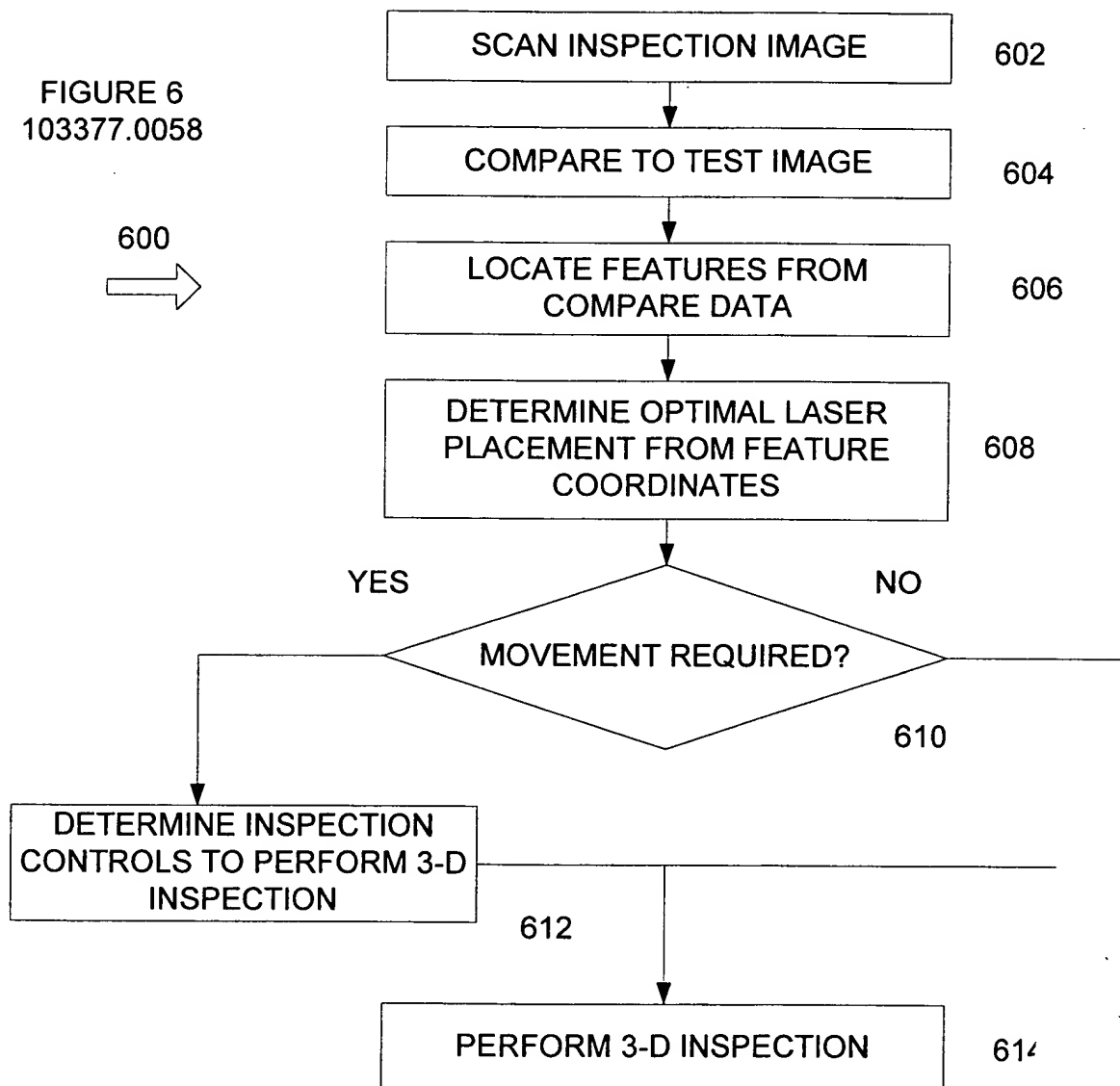


FIGURE 6
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600
→



710

706 708

PRE-COMPLETION PATTERN 702

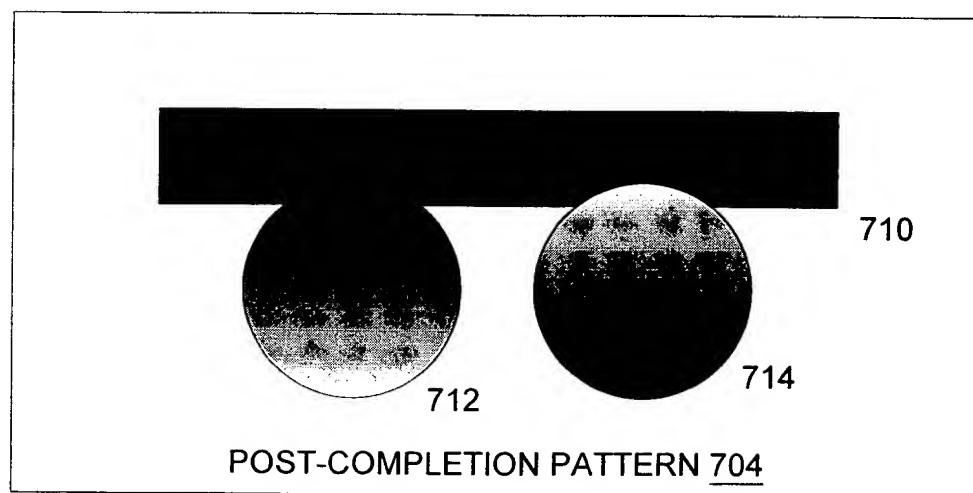


FIGURE 7
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